



URBAN DISTRICT COUNCIL
EAST & WEST MOLESEY.

Annual Report
OF THE
MEDICAL OFFICER OF HEALTH
FOR
1905.

KNAPP, DREWETT & SONS LTD., PRINTERS,
WALTON ROAD, EAST MOLESEY:
KINGSTON, SURBITON, WIMBLEDON & ESHER.



Urban District Council of East and West Molesey.

Area in Acres	...	...	...	..	1,444
Population (last Census, 1901)	...	...	...	...	6,034
Population (estimated to middle of 1905)	6,306				
Death Rate	...	...	...	13·16	per 1,000
Birth Rate	...	...	...	25·21	,, ,,
Zymotic Death Rate	...	...	...	4·63	,, ,,
Infant Mortality	106·33	per	1,000	Births	
Registered.					

Vital Statistics for England and Wales for 1905.

	Annual Rates per 1,000 living.		Infant Mortality.
	Births.	Deaths.	Annual Death-rate of Infants under One Year per 1,000 Births.
England and Wales ...	27·9	15·2	146

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EAST MOLESEY,
SURREY,
February, 1906.

TO THE CHAIRMAN AND MEMBERS OF THE EAST AND WEST
MOLESEY URBAN DISTRICT COUNCIL.

GENTLEMEN,

I beg to present my Annual Report for the year 1905.

MORTALITY.

There were 83 deaths during the year, including 11 "residents" who died beyond the district, viz., one at the Brookwood Asylum, and 10 at the Kingston Workhouse. They included 37 males and 46 females. The death-rate was 13·16 per thousand of the population—which is estimated to have been 6,306 at the middle of the year. Amongst the causes of death, 4 were due to zymotic diseases, 3 to influenza, 5 to phthisis, 2 to other tubercular diseases, 11 to cancer, 2 to bronchitis, 11 to pneumonia, 5 to premature birth, and 9 to heart diseases.

TUBERCULOSIS.

Seven deaths were due to tubercular diseases, five of which were of phthisis. I would again suggest that the Council take more active measures for the prevention of this disease. A system of voluntary notification has now been adopted by 18 out of the 29 sanitary authorities of the Metropolis, and is reported to be working satisfactorily. It is now held that it is especially the advanced cases of the disease, occurring in crowded houses, which may act as centres for its dissemination. If only such cases could be notified, even if they could not be removed to institutions, which is the desirable procedure, some sanitary measures might at least be carried out in the houses themselves to prevent the infection of their relatives and neighbours.

It is satisfactory to note that the milch cows in the district are now regularly submitted to veterinary inspection and their condition notified to the Council.

INQUESTS.

Three inquests were held, the verdicts being "Found drowned," "Suicide during temporary insanity," and "Natural causes."

INFANT MORTALITY.

There were 20 deaths in infants under one year of age, giving an infant mortality of 106·33 per 1,000 births registered. The average infant mortality for the past 10 years was 132·07.

Some good might be done by a course of instruction in the rearing of children, including the feeding and clothing of infants and the hygiene of their surroundings. Rickets is a disease which can be altogether prevented, and is still one of the main contributors, though often indirectly, to the mortality of children and the enfeeblement of adults. The cards issued by the Surrey County Council on "Hints for the care of infants under one year old" have been distributed freely, and have proved very useful.

ZYMOTIC MORTALITY.

There were 4 deaths from zymotic diseases, including whooping cough 1 and diarrhœa 3. The zymotic death-rate was ·63 per thousand.

BIRTHS.

There were 159 births registered, giving a birthrate of 25·21 per 1,000 of the population. The average birthrate for the previous ten years was 25·49.

INFECTIOUS DISEASES.

Only 35 cases of infectious disease were notified. In 1904 there were 47, and in 1903 there were 60.

DIPHTHERIA.—Sixteen cases were notified. No case was fatal. The disease was rather prevalent throughout the county, and was spread over most of the year. All the cases occurred in East Molesey.

MEMBRANOUS CROUP.—One case was notified.

ERYSIPELAS.—Four cases were notified.

SCARLET FEVER.—Thirteen cases were notified. Twelve of the cases occurred in East Molesey and one in West Molesey. No case was fatal.

ENTERIC FEVER.—One case was notified; the previous year no case was notified.

No cases of the following were notified:—Small-pox, cholera, typhus fever, relapsing fever, continued fever, puerperal fever, and plague.

NON-NOTIFIABLE INFECTIOUS DISEASES.

There have been outbreaks of measles, German measles, mumps, chicken pox, and whooping cough.

WHOOPING COUGH.—There has been a general outbreak of this disease in East and West Molesey. The severity of the disease and its complications render it important that it should be made notifiable. At present children with the disease are frequently found mixing with other children, and thus spreading it.

ISOLATION HOSPITAL.

I have again to report that nothing further has been done in the way of providing isolation hospital accommodation for East Molesey. The necessary site having been acquired, and the need for means of isolation being so apparent, it seems a pity that the necessary buildings are not proceeded with immediately. Nursing assistance has again been provided from time to time by the Council for isolating East Molesey cases as well as possible in their own homes.

WATER SUPPLY.

The water supply has been satisfactory.

SEWERAGE AND DRAINAGE.

The main sewers and disposal works have worked satisfactorily.

WEST MOLESEY MAIN SEWERAGE.—It is gratifying to note the improvement in the sanitary condition of the houses where the drainage has already been connected with the main sewers. The desirability of all the houses on the line of the sewers being connected is apparent, and it is to be hoped the connections will be completed at an early date.

The cesspool system of drainage is quite unsatisfactory, and I trust it will soon cease to exist along the line of the main sewers.

DAIRIES, COWSHEDS, MILKSHOPS, SLAUGHTER HOUSES AND BAKEHOUSES.

These have been inspected.

The official tables of the Local Government Board are appended. The report of Mr. Stevenson, Sanitary Inspector, is also attached, and I take this opportunity of thanking this officer for the help he has given in carrying out the sanitary administration of the district.

I am, Gentlemen,

Your obedient Servant,

J. E. KNOX, M.B., C.M.,

Medical Officer of Health.

THE SANITARY INSPECTOR'S REPORT FOR THE YEAR ENDING
DECEMBER 31ST, 1905.

EAST AND WEST MOLESEY.

Number of premises inspected under Section 92 of the Public Health Act, 1875	...	...	...	183
Number of nuisances discovered	...	...	...	116
Number of nuisances remedied without being re- ported to Sanitary Authority	...	...	...	18
Number of nuisances reported to Sanitary Authority				98
Number of nuisances remedied after report	...			88
Number of nuisances reported, but remaining to be remedied on December 31st, 1905	...	...		10
Number of preliminary notices served for the abate- ment of nuisances...	...	...	...	70
Number of statutory notices served for the abate- ment of nuisances	...	...	...	9
Number of houses disinfected after infectious disease	...	...	...	27

EAST MOLESEY.

Number of new houses connected to the main sewers during 1905	...	...	...	37
Number of old houses connected to the main sewers during 1905	...	...	...	3
Total number of houses connected to main sewer during 1905	...	...	...	40

WEST MOLESEY.

Number of new houses connected to the main sewers during 1905	...	...	...	20
Number of old houses connected to the main sewers during 1905	...	...	...	29
Total number of houses connected to main sewers during 1905	...	...	...	49
Drainage of Elementary Schools connected with main sewer	...	...	...	1

I have to bring under the notice of the Council the large number of houses, chiefly of the cottage class, that are not supplied with a proper covered dustbin, as required by Section 36 of the Public Health Act, 1875.

Not only is this, in my opinion, very objectionable to the health and convenience of the occupiers, but is also very objectionable to the adjoining residents.

The non-provision of proper dustbins frequently causes the house refuse to be thrown on the yard surface, which renders it particularly objectionable in removal, especially in wet, or hot, weather, and at these times is very offensive to the dust collectors and also to the public generally.

JNO. STEVENSON, M.R.San.Inst.,

Sanitary Inspector.

March 17th, 1906.

TABLE I.—For Whole District.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATHS AT ALL AGES. TOTAL.		Deaths in Public Institutions.	Deaths of Non-residents registered in District	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES. NETT.	
		Number.	Rate. *	Number.	Rate per 1000 Births registered.	Number.	Rate. *				Number.	Rate. *
I	2	3	4	5	6	7	8	9	10	11	12	13
1895	5,666	140	24.70	21	181.03	73	12.88	...	...	5	78	13.76
1896	5,730	151	26.35	15	107.14	60	10.47	...	...	2	62	10.82
1897	5,794	137	23.64	20	132.45	76	13.11	...	...	1	77	13.28
1898	5,858	161	27.48	23	167.88	82	13.90	...	...	6	88	15.02
1899	5,922	161	27.18	23	142.85	78	13.18	...	...	13	91	15.34
1900	5,986	146	24.37	12	74.53	53	8.85	...	...	8	61	10.19
1901	6,050	141	23.30	18	123.28	75	12.39	...	...	4	79	13.05
1902	6,114	138	22.57	20	141.84	66	10.79	...	...	9	75	12.26
1903	6,178	156	25.25	15	108.69	50	8.09	...	...	8	58	9.38
1904	6,242	188	30.12	22	141.02	81	12.97	...	...	15	96	15.38
Averages for years 1895-1904	5,954	151.9	25.49	18.9	132.07	69.4	11.66	...	...	7.1	76.5	12.84
1905	6,306	159	25.21	20	106.33	72	11.41	...	..	11	83	13.16

* Rates calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 1,444.

Total population at all ages, 6,034.
 Number of Inhabited Houses, 1,218.
 Average number of persons per house, 4.95.

Census, 1901.

TABLE II.—East and West Molesey Urban Sanitary District.

YEAR.	NAMES OF LOCALITIES.											
	EAST & WEST MOLESEY				EAST MOLESEY.				WEST MOLESEY.			
	Population esti- mated to middle of each Year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.
1895	5,666	140	78	21								
1896	5,730	151	62	15								
1897	5,794	137	77	20								
1898	5,858	161	88	23								
1899	5,922	161	91	23								
1900	5,986	146	61	12								
1901	6,050	141	79	18	5,133	109	68	14	917	32	11	4
1902	6,114	138	75	20	5,185	111	64	16	929	27	11	4
1903	6,178	156	58	15	5,237	121	48	12	941	35	10	3
1904	6,242	188	96	22	5,289	152	80	21	953	36	16	1
Avg. of yrs. 1895 to 1904	5,954	151·9	76·5	18·9	5,211	123·2	65	15·7	935	32·5	12	3
1905	6,306	159	83	20	5,341	128	73	18	965	31	10	2

TABLE III.—Cases of Infectious Disease Notified during the Year 1905.
In the East and West Molesey Urban Sanitary District.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						Total Cases Notified in Each Locality.			No. of Cases Removed to Hospital from Each Locality.			
	At all Ages.	At Ages—Years.											
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	East Mlsy.	West Mlsy.				
Small Pox ...													
Cholera ...													
Diphtheria ...	16	...	4	5	4	3	...	15					
Membranous Croup	1	...	...	1	...	...	...	15	1				
Erysipelas ...	4	...	...	...	...	3	1	3	1				
Scarlet Fever ...	13	...	5	5	2	1	...	12	1				
Typhus Fever ..													
Enteric Fever ..	1	...	...	...	...	1	...	1					
Relapsing Fever ...													
Continued Fever...													
Puerperal Fever ...													
Plague- ...													
Totals ...	35		9	11	6	8	1	33	2				

TABLE IV.

Causes of, and Ages at, Death during Year 1905.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN LOCALITIES (AT ALL AGES).			DEATHS IN PUBLIC INSTITUTIONS.
	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & under 25.	25 & under 65.	65 & upwards.	East Molesey	West Molesey		
Small-pox											
Measles											
Scarlet fever											
Whooping-cough...	1	1	...	...	..	...	...	1			
Diphtheria & mem- branous croup ...											
Croup											
Fever:—											
Typhus											
Enteric											
Other continued											
Epidemic influenza	3	1	...	...	...	...	2	3			
Cholera											
Plague											
Diarrhœa	3	3	...	...	...	...	...	2	1		
Enteritis											
Puerperal fever ...											
Erysipelas...											
Other septic diseases	1	1	...	...	...	...	...	1			
Phthisis	5	...	...	...	1	3	1	4	1		
Other tubercular diseases	2	1	1	...	...	...	...	1	1		
Cancer, malignant disease	11	...	...	...	...	7	4	7	4		
Bronchitis... ..	2	...	1	...	...	...	1	2			
Pneumonia	11	4	...	...	1	2	4	10	1		
Pleurisy											
Other diseases of res- piratory organs...											
Alcoholism }											
Cirrhosis of liver }											
Venereal diseases...											
Premature birth ...	5	5	...	...	...	...	...	5			
Diseases & accidents of parturition ...	2	1	...	...	...	1	...	2			
Heart diseases ...	9	...	...	...	1	5	3	8	1		
Accidents	1	...	...	...	...	1	...	1			
Suicides	1	...	...	...	...	1	...	1			
All other causes ...	26	3	...	1	1	6	15	25	1		
All causes	83	20	2	1	4	26	30	73	10		

TABLE V.—East and West Molesey Urban District.
 Infantile Mortality during the Year 1905. Deaths from stated
 Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.			Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	{ Certified	...	3	1	2	2	8	2	1	1	1	...	...	3	1	1	1	...	19
	{ Uncertified	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
<i>Common Infectious Diseases:</i>																			
Small-pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria : Croup		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1
<i>Diarrhœal Diseases:</i>																			
Diarrhœa, all forms		...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	3
Enteritis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(not Tuberculous)		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis, Gastro-		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
intestinal Catarrh		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Wasting Diseases:</i>																			
Premature Birth		...	1	1	1	1	4	...	...	...	...	...	...	...	...	...	...	...	4
Congenital Defects		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth		...	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2
Want of Breast Milk		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility,		}	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	2
Marasmus		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Tuberculous Diseases:</i>																			
Tuberculous Meningitis		...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Tuberculous Peritonitis:		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tabes Mesenterica		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diseases		}	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions		...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Bronchitis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia		...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	1	...	4
Suffocation, overlaying		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes		...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2
			4	1	2	2	9	2	1	1	1	...	...	3	1	1	1	...	20

District of East & West Molesey. Population, estimated to middle of 1905, 6306.
 Deaths from all Causes at all Ages, 83.
 Births, 159.

